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| | | | | |
| | | | | |
| TASK 7. | SERVICE AND SU | IPPORT | | |
| 222025 10 | | | | |
| | 1. The two rema | aining Visicord | lers have been mo | dified and are |
| ready for sl | hipment. An alarm o | circuit has been | n added to these w | its to indicate |
| when the me | ercury-vapor light is | not operating. | The two buffer-a | implifier units |
| have been c | ompleted and have be | en checked wif | th an AS-4 Termin | al. |
| | | | | |
| | | ystems were in | istalled and tested | in the Washington |
| area with th | ne aid of two | engineers. Th | ey assisted with the | le first week of |
| tests which | began 5 May. Durin | ig the week of I | 2 May | visited National |
| | ency to exchange info | ormation on the | | which |
| have caused | i so much trouble. | | | |
| | o Mhaabana | continued to see | wara sunnarkad ak | |
| 7 4 | 3. The above-m | ientioned tests | were supported at Transmit Data Te | rminal, AT-4A |
| end by | F Terminal, 231D-2 | O Transmitter | and supporting e | uinment at the |
| Transmit R | test site. Assis | | as Cove | rnment repre- |
| sentative. | The tests were still | 1 proceeding at | | |
| | sults have been good | | | |
| periou. Me | Busis have been good | . • | | • |
| TASK 8. | AS-6 DATA TELI | EMETERING S | YSTEM | |
| *************************************** | | | | |
| | 1. Logical design | gn of the data c | onversion digital | circuits has been |
| finalized. | Design of individual l | logic elements | such as flip-flops | , builers and |
| inverters w | vill begin early in the | next reporting | g period. | |
| | • | | | 9 |
| | | | ield Unit transmitt | er and exciter is |
| being under | taken by the RF Equi | ipment Section | or the | TO A A A A A A A A A A A A A A A A A A A |
| | This organization | was responsible | rdorana average en | nent of me wr |
| translator 1 | unit incorporated in t | ne an/uku-15 | oo-ona en en en en en en | cas boarse communication that |
| cation sets | . It is believed that | much of the de | veropsitetit work co | armed and minimize entry |
| program w | ill prove directly app | incable to the A | 72-0 brogram. | |
| | 2 Drancale w | ere received fr | •0770 | |
| San daniem | Proposals was and development of the | he Field Init m | eceiver front-end | modules. |
| tor deargn | and development of the roposal indicated the | best design an | proach of the thre | e, and their price |
| recullicat p | . Accordingly a sub- | econtract is be | ing negotiated with | |
| was luwest | . Accordingly a bub. | ~~1000 CC C | 00 | |
| | 4. Also for the | Field Unit rec | eivers, a transist | orized tuned |
| | as been designed and | | | |
| ammlifiar h | | | | ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ |
| amplifier b | | | | |
| amplifier b | | | | |
| amplifier h | | | | |
| amplifier h | | | | |

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| be used to determ specific IF amplif | ine a set of general design parameters, which will be used for |
| 5. A preliminary der board model is be in the Task 4 brea | Development of the Receive (Data) Terminal is progressing. sign of the recognition drawer has been completed and a breading constructed. This design is very similar to the one used adboard station except that additional time redundancy has been recognition reliability. Delay lines as used in the AS-4 and the |
| GENERAL 1. Contract RD~103. | visited on 23 April to discuss all Tasks of |
| 2. | assisted in AS-4A testing from 5 to 15 May. were here from to 7 May to repair the component for these tests. |
| _ | assisted in AS-4A testing receiving site from 28 April to 9 May. also visited week for indoctrination |
| . 4 | visited Washington from for intensive discussions on the AS-6 development, and for proposed new programs. |
| 5. | Progress is satisfactory. |
| | |
| Enclosures | Copies I through 10 Informal Progress Report, Contract RD=103 White Description contains information effecting the Mathead Defence of the Valled States within the meening of the Explanage Level, 18th 10, V. S. G., Scotten Willer and W4, the Transmission or Revolution of which in any manuse to an encultarized person is prohibited by law. |

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| 21 April to | 3. Progress is | , | | |
|------------------------|--------------------------------|--|--|---|
| 21 April to | | satisfactory. | • | |
| | monitor progres | s on all RD-103 Ta | ska. | 2 |
| | 2. | | visited from 19 to | |
| 26 to 28 Ma | | | THE A MACCOCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOC | |
| | l. | observed | AS-6 evaluation tests from | |
| GENERAL | | | | |
| | | arge-recharge cyclo Il manufacturers. | e are being investigated with | |
| problem. | Logical design of | data conversion di | gital circuits has been started. | |
| stepping os | | • | sistorized crystal-controlled lar emphasis on the stability | |
| | a sub-contract f | for this work. | een difficulties arise, they will | |
| | | | est approach to the development | |
| front-ends | | | e been received from | |
| - | | or design and develo | opment of transistorized receives | |
| programme | 1. Contractual er was given to | coverage for develo | on 24 March. | |
| TASK 8. | | LEMETERING SYST | | |
| ጥልፍዥ ፡ | | - | | |
| | 2. Construction | n of the spare RS-16 | 6A receiver has been resumed. | |
| lamp is not under cons | | butter units which | drive the Visicorder are now | |
| | alarm circuit is | s being added to ind | icate when the mercury vapor | |
| | | | have been delivered by for use with the AS-4 and | |
| TASK 7. | SERVICE AND S | SUPPORT | | |
| - | olies have been co | _ | | |
| _ | | | the vendor and will be replaced ation of the remaining Test | |
| | | | | |
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TASK 6. RS-16A TEST POWER SUPPLY

Assembly and test of the first power supply has been completed. Assembly of two remaining supplies is well under way and should be completed during the next reporting period.

TASK 7. SERVICE AND SUPPORT

One modified Visicorder unit and its buffer amplifier were delivered to the Government on 21 March. Two more Visicorders have been ordered from they will be modified for use with either the AS-4 or AS-4A.

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TASK 8. DEVELOPMENT OF AS-6

2.

1. This major Task was activated on 7 March. It covers development of the AS-6 Data Telemeter System and construction of one Field Unit and one Base Station. Thus it is the outgrowth of the AS-6 Study being conducted under Task 4. Effort to date has been aimed at organization of the effort, and toward making arrangements for supporting assistance, especially in the area of subcontracts.

| with a representative | e of Contractor's purchasing depart- | 25X1 |
|---|---------------------------------------|---------------|
| ment to settle details on the long-ter | m programmer sub-contract. Work | |
| on this project will begin early in the | e next reporting period. As a part of | |
| the same trip, an investigation of the | e as a possible | 25 X 1 |
| sub-contractor on the transistorized | interrogation receiver RF front end | |
| was made. A proposal was promise | d by by 15 April. Envestigation | 25X1 |
| of other possible subcontractors on t | this program will be made in the near | |
| future. | | |
| GENERAL | | |
| A. | visited on 28 February to observe | 25X1 |
| security practices in connection with | • | |
| 2. | visited from 4 March | 25X1 |
| through 7 March to assist with the | units used with | 25X1 |
| the AS-4A. | | |

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| | On 7 March progress on all phases | s of Contract RD-103. | 25X1 |
| 4. | Progress is satisfacto | ery. | ٦ |
| | | | 25X1 |
| | fo | | |

Enclosures

1. Copies I through 10
Informal Progress Report, Contract RD-103

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